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| APPLICATION NO.   | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO.          | CONFIRMATION NO.       |
|---|-------------|----------------------|------------------------------|------------------------|
| 10/673,080  | 09/26/2003  | Jaakko Rajaniemi     | NOKI.003PA                   | 7486                   |
| 7590<br>Hollingsworth & Funk, LLC<br>Suite 125<br>8009 34th Avenue South<br>Minneapolis, MN 55425 |             | 07/05/2007           | EXAMINER<br>DAFTUAR, SAKET K |                        |
|   |             |                      | ART UNIT<br>2151             | PAPER NUMBER           |
|   |             |                      | MAIL DATE<br>07/05/2007      | DELIVERY MODE<br>PAPER |

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

## Office Action Summary

Application No.

10/673,080

Applicant(s)

RAJANIEMI, JAAKKO

Examiner

Saket K. Daftuar

Art Unit

2151

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 26 September 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-33 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-33 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date 02/05/07.

- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_

### DETAILED ACTION

1. Claims 1-33 are presented for the examination.

#### ***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-33, as best understood, are rejected under 35 U.S.C. 102(e) as being anticipated by Maes U.S. Patent Number 6,934,756 B2.

As per claim 1, Maes discloses forming a Web service message [Distributed speech recognition message over a web service, column 43, lines 15-64; Figures 17, 20] at a first network entity, the Web service message targeted for a mobile terminal [Figures 17, 19-20]; directing a request to a locator arrangement to assist in processing the Web service message [process the speech I/O which are remotely connected over the network; see column 28, line 29 – column 29, line 2]; sending the Web service message to the mobile terminal utilizing the locator arrangement, the Web service message sent [the stream is sent to a speech server and process the browser data back to and from the server; see column 26, lines 33-67] to the mobile terminal using a mobile

services transport protocol [mobile devices, block 1902; Figures 17 , 19-20]; and processing the Web service message at the mobile terminal [see Figure 17; column 29, line 29 – column 31, line 19].

As per claim 2, Maes discloses the Web service message includes a Simple Object Access Protocol (SOAP) message (see column 4, lines 3-42, column 53, lines 1-54).

As per claim 3, Maes discloses the mobile services transport protocol comprises a Hypertext Transfer Protocol (HTTP) (see column 4, lines 3-42, column 53, lines 1-54).

As per claim 4, Maes discloses the mobile services transport protocol comprises a Session Initiation Protocol (SIP) (see column 4, lines 3-42, column 53, lines 1-54).

As per claim 5, Maes discloses the mobile services transport protocol comprises a Simple Mail Transport Protocol (SMTP) (see column 4, lines 3-42, column 53, lines 1-54).

As per claim 6, Maes discloses registering a web service of the mobile terminal with the locator arrangement (see column 13, line 63 – column 14, line 25).

As per claim 7, Maes discloses sending the Web service message to the mobile terminal utilizing the locator arrangement comprises determining an address [registering conversational state; see column 11, lines 34-61] of the

mobile terminal based the registration of the mobile terminal with the locator arrangement

As per claim 8, Maes discloses sending the Web service message to the mobile terminal utilizing the locator arrangement comprises determining an address of the mobile terminal based [registering conversational state; see column 11, lines 34-61] on an identifier of the mobile terminal included in the Web service message (see column 26, lines 33-67).

As per claim 9, Maes discloses sending the Web service message to the mobile terminal utilizing the locator arrangement comprises determining an address of the mobile terminal based [registering conversational state; see column 11, lines 34-61] on a Universal Resource Identifier (URI) associated with the locator arrangement (see column 26, lines 33-67).

As per claim 10, Maes discloses directing the request to the locator arrangement for processing the Web service message comprises directing the Web service message to the locator arrangement, and wherein sending the Web service message [the stream is sent to a speech server and process the browser data back to and from the serve; see column 26, lines 33-67] to the mobile terminal [mobile devices, block 1902; Figures 17, 19-20] utilizing the locator arrangement comprises sending (see column 26, lines 33-67) the Web service message via the locator arrangement to the locator terminal (see column 26, lines 33-67).

As per claim 11, Maes discloses sending the Web service message via the locator arrangement to the mobile terminal comprises initiating a session between the locator arrangement and the mobile terminal using a Wireless Application Protocol Over The Air Push (see paragraph 0061).

As per claim 12, Maes discloses directing the request to the locator arrangement for processing the Web service [process the speech I/O which are remotely connected over the network; see column 28, line 29 – column 29, line 2] message comprises requesting an address of the mobile terminal from the locator arrangement, and wherein sending the Web service message [the stream is sent to a speech server and process the browser data back to and from the serve; see column 26, lines 33-67] to the mobile terminal utilizing the locator arrangement comprises sending the Web service message to the mobile terminal [mobile devices, block 1902; Figures 17 , 19-20] using the address of the mobile terminal provided from the locator arrangement (see column 26, lines 33-67).

As per claims 13 - 18, claims 13- 18 are system claims of method claims 1-2, 4-5, and 11. They do not teach or further define over the limitation as recited in claims 1-2, 4, 5, 11, and 1, respectively. Therefore, claims 13-18 are rejected under same scope as recited in claims 1- 2, 4, 5, 11 and 1, supra.

As per claim 19, Maes discloses a mobile terminal [see Figure 19] wirelessly coupled to a network, comprising: a transceiver [transmitter, column 23, lines 31-36] configured to facilitate exchange of data with a locator arrangement via the network; a memory [memory] capable of storing at least one

of a mobile services transport module and a Web services processing module [see column 13, lines 36-62]; and a processor coupled [processor, column 6, lines 10-15] to the memory and the transceiver, the processor configured by the mobile services transport module to receive Web service messages [see column 26, lines 33-67] targeted for the mobile terminal via the locator arrangement using a mobile services transport protocol and communicate the Web service messages [see column 28, line 29 – column 29, line 2] to the Web services processing module, the processor configured by the Web services processing module to process the Web service messages.

As per claims 20-22, claims 20-22 do not teach or further define over the limitation as recited in claims 2, 4, and 5. Therefore, claims 14-17 are rejected under same scope as recited in claims 2, 4, and 5, *supra*.

As per claims 23-27, claims 23- 27 are computer readable medium claims of method claims 1-2, 4-5 and 11. They do not teach or further define over the limitation as recited in claims 1-2, 4- 5, and 11. Therefore, claims 23-27 are rejected under same scope as recited in claims 1-2, 4-5, and 11, *supra*.

As per claims 28-33, claims 28-33 are server computer claim of method claims 1-2, 4-5, 11, 13 and 18. They do not teach or further define over the limitation as recited in claims 1-2, 4-5, 11, 13 and 18. Therefore, claims 28-33 are rejected under same scope as recited in claims 1-2, 4-5, 11, 13 and 18, *supra*.

***Conclusion***

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.
  - a. Conversational Networking via Transport, Coding and Control  
Conversational Protocols by Maes et al. U.S. Patent Number 6,934,756 B2
  - b. Mobile Web Services by Nykanen U.S. Publication Number 2002/0174117 A1.
  - c. Architectural and Protocol for a Wireless Communication Network to  
Provide Scalable Web Services to Mobile Access Device by Sastri et al. U.S.  
Patent Number 6,785,255 B2.
  - d. WAP Service Personalization Management and Billing Object Oriented  
Platform by Corrigan et al. U.S. Patent Number 6,640,097 B2.
5. A shortened statutory period for reply to this action is set to expire **THREE MONTHS** from the mailing date of this action. Failure to respond within the period for response will result in **ABANDONMENT** of the applicant (See 35 U.S.C 133, M.P.E.P 710.02,71002 (b)).

***Contact Information***

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Saket K. Daftuar whose telephone number is 571-272-8363. The examiner can normally be reached on 8:30am-5:00pm M-W.



Art Unit: 2151

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Zarni Maung can be reached on 571-272-3939. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

SKD

  
ZARNI MAUNG  
SUPERVISORY PATENT EXAMINER